BRUHAT BANGALORE MAHANAGARA PALIKE
YALAHANKA ZONE

me of work: Estimate for Construction of Muslim Samudayabhavana in Jakkur layout in rd no. 07 Byatarayanpaura, Kodigehalli sub division.

Estimate Cost Rs. 3000000.00

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable materil and stacking the serviceable mterial with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar MORTH Specification no. 202 (Page No. 147 (I No. 18.22)	cum							
	Existing compound wall		1	15.00	5.00	0.90	**67.5**		
			2	18.46	3.00	0.20	**22.15**		
			2	12.61	3.00	0.20	**15.13**		
							104.78	146.28	**15328.00**
	Basic Rate	138.00							
	Area Weightage @ 6%	8.28							
	Total	**146.28**							
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2013-14**	Cum							
	C & C SSM		4	18.46	1.20	1.00	88.61		
			8	12.61	1.20	1.00	121.06		
	Columns		34	2.00	2.00	1.50	204.00		
	For Compound Wall		2	18.46	1.00	0.75	27.69		
			2	12.61	1.00	1.00	25.22		
	For Sump		1	3.00	3.00	2.00	18.00		
							484.57		
	Deduction for Columns		34	1.50	0.75	1.20	-45.90		
							438.67	223.66	98114.00
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	**223.66**							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **Page No. 12 / Item No. 4.3 / PWD SR 2013-14**	Cum							
C & C SSM		4	18.46	1.20	0.15	13.29		
		8	12.61	1.20	0.15	18.16		
Flooring		1	18.46	12.61	0.15	34.92		
Columns		34	1.50	1.50	0.15	11.48		
Compound Wall		2	18.46	1.00	0.15	5.54		
		2	12.61	1.00	0.15	3.78		
Building Surroundings		1	18.46	0.90	0.15	2.49		
		1	12.61	0.90	0.15	1.70		
For Sump		1	3.00	3.00	0.10	0.90		
						92.26		
Deductions for Columns		34	1.50	1.00	0.15	**-7.65**		
						84.61	4211.38	**356313.00**
Basic Rate	3973.00							
Area Weightage @ 6%	238.38							
Total	**4211.38**							
KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **PWD SR 2013-14 (Page No. 25 / Item No. 5.6**	Cum							
		4	18.46	0.60	0.60	26.58		
		8	12.61	0.60	0.60	36.32		
Compound Wall		2	18.46	0.60	0.60	13.29		
		2	12.61	0.60	0.60	9.08		
For toilet		4	3.00	0.45	0.60	3.24		
						88.51		
Deduction for Columns		34	1.50	0.75	0.90	-34.43		
						54.08	3484.22	**188443.00**
Basic Rate	3287.00							
Area Weightage @ 6%	197.22							
Total	**3484.22**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement** with **cement mortar 1:6**, edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 **(P.26/I.5.9) PWD SR 2013-14**	Cum							
			4	18.46	0.45	0.60	19.94		
			8	12.61	0.45	0.60	27.24		
	Compound Wall		2	18.46	0.45	0.60	9.97		
			2	12.61	0.45	0.60	6.81		
	Toilet		4	3.00	0.45	0.60	3.24		
							67.19		
	Dedution For Columns		34	0.45	0.23	0.60	-2.11		
							65.08	4148.84	**270010.00**
	Basic Rate	3914.00							
	Area Weightage @ 6%	234.84							
	Total	**4148.84**							
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. KBS 2.9 **(Page No .6 / Item No. 2.10) PWD SR 2013-14**	Cum							
			Qty Vide Item No. 2				**438.67**	99.64	**43709.00**
	Basic Rate	94.00							
	Area Weightage @ 6%	5.64							
	Total	**99.64**							
7	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. **Page No. 120 / Item No. 15.3 / PWD SR 2013-14**	Sqm							
			2	18.46		0.60	22.15		
			2	12.61		0.45	11.35		
			2	18.46		0.45	16.61		
			2	12.61		0.45	11.35		
			2	19.00		0.45	17.10		
	Tolite		2	3.00		0.45	2.70		
							81.26	78.44	**6374.00**
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	**78.44**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 27/ Item No. 5.27/ PWD SR 2013-14**	Sqm							
	Long Wall		2	18.46		5.00	184.60		
			2	12.61		5.00	126.10		
	For Rooms		4	6.00		5.00	120.00		
	For Toilet		6	3.00		5.00	90.00		
							520.70		
	Deduct for Openings Door		1	2.10		1.20	2.52		
	Rooms		2	2.10		0.90	3.78		
	Toilets		2	2.10		0.75	3.15		
	Windows		14	1.50		1.20	25.20		
	Ventilator		2	0.60		0.60	0.72		
	Lintel		1	18.60		0.23	4.28		
							39.65		
							481.05	907.36	436487.00
	Basic Rate	856.00							
	Area Weightage @ 6%	51.36							
	Total	**907.36**							
9	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 27/ Item No. 5.27/ PWD SR 2013-14**	Sqm							
	compound wall		2	18.60		1.50	55.80		
			2	12.61		1.80	45.40		
	Piliers		24	0.20		1.80	8.64		
							109.84	802.42	88135.00
	Basic Rate	757.00							
	Area Weightage @ 6%	45.42							
	Total	**802.42**							
10	KSRB 6-5.3 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of **class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure** including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 **Page No. 32 / Item No. 6.17 / PWD SR 2013-14**	Cum							
	For sump		2	3.00	0.23	2.00	2.76		

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		2	3.00	0.23	2.00	2.76		
						5.52	5789.72	**31959.00**
Basic Rate	5462.00							
Area Weightage @ 6%	327.72							
Total	**5789.72**							
Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14**	Cum							
Column Footings		34	1.50	1.50	0.90	68.85		
Plinth to Roof		34	0.45	0.45	6.13	42.21		
Plinth		4	18.46	0.45	0.30	9.97		
		8	12.61	0.45	0.30	13.62		
Lintel beam		2	18.46	0.45	0.20	3.32		
		2	12.61	0.45	0.20	2.27		
Building surrounding		2	18.46	1.00	0.10	3.69		
		2	12.61	1.00	0.10	2.52		
Room Partition		6	2.00	0.45	0.30	1.62		
Beam		4	18.46	0.30	0.45	9.97		
Beam		2	6.00	0.23	0.15	0.41		
Tiel Beam		9	12.61	0.30	0.45	15.32		
Roof Slab		1	18.46	12.61	0.15	34.92		
For Sump Bottom		1	3.00	3.00	0.20	1.80		
Sidewalls		2	3.00	0.20	2.50	3.00		
Sidewalls		2	3.00	0.20	2.50	3.00		
Covering		1	3.00	3.00	0.15	1.35		
Stair Case								
Landing		1	3.00	2.00	0.15	0.90		
First Flight		1	3.30	1.50	0.15	0.74		
Second Flight		1	3.30	1.50	0.15	0.74		
Steps		20x1/2	1.50	0.30	0.15	0.68		
Coping Concrete		2	18.46	0.45	0.15	2.49		
		2	12.61	0.45	0.15	1.70		
						225.09	6345.16	**1428257.00**
Basic Rate	5986.00							
Area Weightage @ 6%	359.16							
Total	**6345.16**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete ofmix M20 with OPC cement @ 24kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 **Page No. 15 / Item No. 4.19 / PWD SR 2013-14**	Sqm							
			W	12	1.70	0.60	30.00	12.24	Lakh
				2	1.40	0.60		1.68	
			V	2	0.80	0.45		0.72	
								14.64	405.98	5944.00
			Basic Rate	383.00					
			Area Weightage @ 6%	22.98					
			Total	405.98					
3	Sub Total								2969073.00
4	Thirty Party Inspection Charges @ 1%								29691.00
5	Miscesalaneous Charges								1236.00
								Total	3000000.00

Technical Sanction
Rupees Thirty Lakhs only
No: TS/282/13-14, Dt. 22-2-14
AE/JE

282/13-14, 22-2-14
Budget
SC

(Rupees Thirty Lakhs Only)

RTIFICATE

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per PWD SR of 2013-14 & KPWD 2010-11.
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Junior Engineer
Ward No. 07

D. K. Madhu Murthy
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

ADMINISTRATIVELY SANCTIONED FOR Rs 30.00 lakhs
Rupees thirty lakhs only
Under P-2178

Registered as EE ( ) No 3 9
Subject to conditions contained in
enclosed memo EE ( ) No /9/
Dt Estimate A/Sanctioned
Addl Commr(pr.) No AS 877/13-14
dated 18-2-2014 Rs 30.00 Lakhs

Addl Commissioner
(Yelahanka Zone)